09/162508

Abstract

Thermal Wave Measuring Method

The simultaneous multi-frequency excitation with two or more discrete frequencies of an electrically modulatable hot light source enables the parallel evaluation corresponding to the different drive frequencies. As a result thereof, the measuring time in the measurement of multi-layer systems is significantly shortened. As a result of a suitable selection of the discrete frequency parts of the drive frequencies, these can be adapted to the measurement problem.

Figure 1

5